

A. Permit Certificate

**MUNICIPAL
WASTEWATER-LAND APPLICATION PERMIT
LA-000182-02**

Kootenai-Ponderay Sewer District LOCATED AT **511 Whiskey Jack Road, Sandpoint, ID 83864** IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **(60 months from issue date)**.

Daniel Redline, Acting Regional Administrator
Coeur d'Alene Regional Office
Idaho Department of Environmental Quality

Date:

**DEPARTMENT OF ENVIRONMENTAL QUALITY
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422
(208) 769-1404 fax**

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

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Appendices

1. Environmental Monitoring Serial Numbers
2. Site Maps

References

1. Plan of Operation (Operation and Maintenance Manual)
2. Silvicultural Management Plan
3. Land Application Site Instrumentation Plan

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000182-02 and are enforceable as such. This permit does not relieve Kootenai-Ponderay Sewer District, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons (often estimated as 27,200 gallons).
BMP or BMPs	Best Management Practice(s)
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days), unless otherwise specified
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days), unless otherwise specified
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Absorption Ratio

C. Abbreviations, Definitions

SI	Supplemental Irrigation
Soil AWC	Soil Available Water Holding Capacity – the water storage capability of the soil down to a depth at which plant roots can utilize the stored moisture (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids also referred to as Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLAs) for point sources, Load Allocations (LAs) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Total Nitrogen	Total Nitrogen is defined as the sum of all forms of nitrogen present in a sample. Total Nitrogen is determined by adding the values of the Total Kjeldahl Nitrogen (TKN), Nitrate-N and Nitrite-N laboratory results.
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31.
WW	Wastewater

D. Facility Information

Legal Name of Permittee	Kootenai-Ponderay Sewer District
Type of Wastewater	Municipal (Class D)
Method of Treatment	Slow Rate Land Treatment
Type of Facility	Municipal
Facility Location	Approximately 0.75 mile north of Hwy 200 and city of Kootenai, on east side of railroad tracks
Legal Location	Township 57N, Range 02W, Section 01, NW ¼
County	Bonner
USGS Quad	Sandpoint
Soils on Site	Topsoil over clay over sand/silt over clay
Depth to Ground Water	Upper Aquifer: 7 feet Lower Aquifer: 50 feet
Beneficial Uses of Ground Water	Primarily agriculture
Nearest Surface Water	Tributary to Boyer Slough – 50 feet from NE corner of property Lake Pend Oreille – approx. 1.25 miles Seasonal drainage channel in south portion of site
Beneficial Uses of Surface Water	Lake Pend Oreille – Special Resource Water, cold water biota, primary and secondary contact recreation
Responsible Official	Mr. Tim Closson, Operations Manager
Mailing Address	Kootenai-Ponderay Sewer District 511 Whiskey Jack Road, Sandpoint, Idaho 83864
Phone / Fax	voice (208) 263-0229 / fax (208) 265-5326

E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-182-01 Six (6) Months after Permit Issuance	An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater land application facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation. The Plan of Operation shall contain at a minimum all of the information in the latest revision of the Plan of Operation Checklist. The Plan of Operation shall also include the following: 1) Runoff Management Plan for control and mitigation of site runoff. This plan shall include administrative procedures and practices to avoid producing runoff from the site; and 2) Quality Assurance Project Plan (QAPP) for monitoring required in this permit. The plan shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval and assessment; and monitoring program evaluation and improvement.
CA-182-02 Eight (8) Months after Permit Issuance to submit the Seepage Testing Plan. Forty Eight (48) Months after Permit Issuance to complete seepage testing of all required structures	Submit a seepage testing plan that defines the approach and testing procedures to conduct seepage testing in accordance with methods approved by DEQ on all wastewater storage structures. Upon approval of the plan, conduct the seepage testing of the structures in the approved plan and submit test results to DEQ. The seepage performance standard is 0.25 inches per day. If a properly tested lagoon leaks more than 0.25 inches per day, the permittee shall either 1) submit, for DEQ approval, a plan and schedule to either retest, repair, replace or decommission structures not meeting this standard or 2) develop a plan based on ground water sampling and analyses and/or modeling to determine the effect of the lagoon leakage on the local ground water. If actual or predicted impacts do not comply with IDAPA 58.01.11 as determined by DEQ, the permittee shall comply with 1) above.
CA-182-03 Eight (8) months after Permit Issuance	The permittee shall submit to the Department for review and approval an updated Silvicultural Management Plan for the wastewater application site. The plan shall include nutrient and hydraulic balance evaluation for all crops intended for planting on the site during the permit cycle.
CA-182-04 Eight (8) Months after Permit Issuance	The permittee shall submit to the Department for review and approval an updated Land Application Site Instrumentation Plan for the wastewater application site. This plan shall include all meteorological, soil moisture and groundwater monitoring instruments as well as the operating conditions and procedures for each. Once approved, this Plan shall be an enforceable part of the permit.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions																																																																																
Type of Wastewater	Municipal (Class D)																																																																																
Application Site Area	20 fenced acres (8 HMUs) with 15 acres currently utilized (6 HMUs)																																																																																
Growing Season	May 1 through October 15 (168 days)																																																																																
Hydraulic Loading Rate, each HMU (Applies to wastewater and supplemental irrigation water).	<p>Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) throughout the growing season in accordance with growing stage of the tree crop grown.</p> <p>Irrigation Water Requirements* of Poplars and Willows by Growth Year</p> <table><tr><th rowspan="2">(in/acre)</th><th colspan="2">First Year</th><th colspan="2">Second Year</th><th colspan="2">Third Year</th><th colspan="2">Fourth Year +</th></tr><tr><th>Poplar</th><th>Willow</th><th>Poplar</th><th>Willow</th><th>Poplar</th><th>Willow</th><th>Poplar</th><th>Willow</th></tr><tr><td>May</td><td>1.06</td><td>0.86</td><td>2.04</td><td>1.72</td><td>2.31</td><td>2.58</td><td>3.02</td><td>3.44</td></tr><tr><td>June</td><td>2.76</td><td>1.39</td><td>5.29</td><td>2.77</td><td>5.98</td><td>4.16</td><td>7.82</td><td>5.54</td></tr><tr><td>July</td><td>4.05</td><td>1.88</td><td>7.76</td><td>3.76</td><td>8.77</td><td>5.64</td><td>11.46</td><td>7.52</td></tr><tr><td>August</td><td>3.65</td><td>1.53</td><td>6.99</td><td>3.06</td><td>7.90</td><td>4.60</td><td>10.33</td><td>6.13</td></tr><tr><td>Sept</td><td>2.03</td><td>0.87</td><td>3.89</td><td>1.75</td><td>4.39</td><td>2.62</td><td>5.75</td><td>3.50</td></tr><tr><td>Oct**</td><td>0.36</td><td>0.21</td><td>0.70</td><td>0.43</td><td>0.79</td><td>0.64</td><td>1.03</td><td>0.86</td></tr><tr><td>Total</td><td>13.91</td><td>6.75</td><td>26.66</td><td>13.50</td><td>30.13</td><td>20.24</td><td>39.40</td><td>26.99</td></tr></table> <p>*Based on ET data from http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=108137 for poplars and willows, assuming 85% efficiency</p> <p>**October values based on sum of average rainfall per day (0.05 in/day) and October IWR for poplars and willows, assuming 85% efficiency</p> <p>October irrigation shall be in accordance with the moisture monitors and crop stress when needed, up to the value in the table. The facility should irrigate only when the air temperature is above 50°F and no standing water is left to freeze overnight.</p>	(in/acre)	First Year		Second Year		Third Year		Fourth Year +		Poplar	Willow	Poplar	Willow	Poplar	Willow	Poplar	Willow	May	1.06	0.86	2.04	1.72	2.31	2.58	3.02	3.44	June	2.76	1.39	5.29	2.77	5.98	4.16	7.82	5.54	July	4.05	1.88	7.76	3.76	8.77	5.64	11.46	7.52	August	3.65	1.53	6.99	3.06	7.90	4.60	10.33	6.13	Sept	2.03	0.87	3.89	1.75	4.39	2.62	5.75	3.50	Oct**	0.36	0.21	0.70	0.43	0.79	0.64	1.03	0.86	Total	13.91	6.75	26.66	13.50	30.13	20.24	39.40	26.99
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Minimum Depth to Groundwater for Irrigation	The depth to groundwater in all three (3) groundwater monitoring wells shall be no less than three (3) feet below ground surface (bgs) during periods of wastewater land application.																																																																																
Ground Water Quality	Wastewater land application activities conducted by the permit shall not cause a violation of the <i>Ground Water Quality Rule</i> (GWQR), IDAPA 58.01.11 as now existing or later amended.																																																																																
Buffer Zones Class D – <i>Guidance</i> scenario N	<p>All buffer zones must comply with local zoning ordinances, at minimum. Other minimum buffer zones are as follows:</p> <ul style="list-style-type: none">• 300 ft from reuse site to inhabited dwellings• 50 ft from reuse site to areas accessible by the public• 100 ft from reuse site to permanent and intermittent surface water• 50 feet from reuse site to irrigation ditches and canals• 500 feet from reuse site to private water supply wells¹• 1000 feet from reuse site to public water supply wells¹• Berms and other BMPs shall be used to protect the well head of on-site wells. <p>1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable</p>																																																																																

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Disinfection (Class D)	The median number of total coliform organisms shall not exceed 230 colony forming units (CFU) per 100 milliliters (CFU/100 mL), as determined from the results of the last five (5) days for which the analyses have been completed. In addition the number of total coliform organisms shall not exceed 2300 CFU per 100 milliliters in any confirmed sample.
Fencing and Posting	Woven pasture fence or equivalent around the site with signs reading "Irrigated with Reclaimed Wastewater – Do Not Drink" or equivalent every 500 feet and at each corner of the outer perimeter of the buffer zone
Allowable Crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed. The facility is currently growing trees and shall contact DEQ if any crop change is planned.
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the land application system or expansion, detailed plans and specifications shall be submitted for review and approval by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.
Odor Management	The land application facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. These facilities shall be managed in accordance with a DEQ-approved Odor Management Plan. See Section E, CA-182-01. In the event that nuisance odors, verified by DEQ, occur, the Plan shall be revised as necessary to eliminate or minimize the recurrence of nuisance odors.
Runoff Control	Upon approval of the Runoff Management Plan by DEQ, required as part of the Plan of Operation in Section E CA-182-01 of this permit, the permittee shall implement the plan.

G. Monitoring Requirements

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

- 1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Wastewater monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 5) Five (5) soil sample locations shall be selected for two SMUs as specified in Appendix 1. Two (2) soil samples shall be collected at each sample location, one at 0-12 inches, and one at 12-24 inches, or refusal. The soil samples collected at each depth shall be composited to yield two (2) samples for analysis from each SMU.
- 6) Depth to Ground Water Monitoring Procedure: The static water level in all monitoring wells shall be measured prior to irrigation and recorded in inches below ground surface.
- 7) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.
- 8) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

G. Monitoring Requirements

Facility Monitoring Table

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Daily, when irrigating	Flow meter	Flow of wastewater to land application site	Volume (gallons/acre and acre-inches) to each hydraulic management unit (HMU), record daily, compile monthly
	Soil moisture probe locations	Monitor soil moisture instruments in each field being used for land application	Moisture readings as described in approved Land Application Site Instrumentation Plan (See item CA-182-04)
	Thermometer	High temperature	Daily high temperature at Reuse site (October only)
Daily, when irrigating (first and last months of irrigation only)	Groundwater monitoring wells	Monitoring of static water level	Static water level depth (inches) below ground surface (bgs), Water table elevation, Water table depth
Weekly, when wastewater going to storage	WW-0182-01 Sampling tap prior to storage	Grab sample of wastewater	Total coliform bacteria (CFU /100 mL)
Monthly, when irrigating	WW-0182-02 Sampling tap prior to irrigation (post storage)	Grab sample of wastewater	Nitrate + Nitrite-Nitrogen, Total Kjeldahl Nitrogen, Total Phosphorus, Chemical Oxygen Demand (once per year in August)
Annually (April)	Soil Monitoring Units	Grab samples of soil as described in Note 5 in Monitoring Requirements on page 9 of this document	Ammonia-Nitrogen, Nitrate-Nitrogen, Plant available phosphorus
Annually (in Annual Report)	Each Active HMU	Loading calculations	Total nitrogen (lbs/acre) Phosphorus (lbs/acre) COD (lbs/acre-day) Total wastewater volume (in/acre and gallons/acre)
		Calculate GS wastewater hydraulic loading rate	Million gallons/acre Inches/acre
		Calculate seasonal average COD loading	Pounds/acre-day

G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Annually (in Annual Report)	All flow measurement locations	Flow measurement calibration of all flows to land application	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly to measure all wastewater flows applied to each HMU

H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Wastewater Reuse Site Performance Report (“Annual Report”) prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
- 2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- 3.) The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
208-373-550

Coeur d’Alene Regional Office
2110 Ironwood Parkway
Coeur d’Alene, ID 83814
208-769-1422

Idaho Falls Regional Office
900 N. Skyline, Suite B
Idaho Falls, ID 83402
208-528-2650

Lewiston Regional Office
1118 “F” Street
Lewiston, ID 83501
208-799-4370

Pocatello Regional Office
444 Hospital Way, #300
Pocatello, ID 83201
208-236-6160

Twin Falls Regional Office
1363 Fillmore St.
Twin Falls, ID 83301
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706
208-373-0561

- 4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
 - a. Apply wastewater as evenly as practicable to the treatment area;
 - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
 - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
 - a. Manage the wastewater reuse treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
 - b. Not hydraulically overload any particular areas of the wastewater reuse treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
 - a. Enter the permitted facility,
 - b. Inspect any records that must be kept under the conditions of the permit.
 - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
 - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
 - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
 - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
 - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certificate Page

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I. Standard Permit Conditions: Procedures and Reporting

Emergency 24 Hour Number: 1-800-632-8000

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
 - i. A description of the non-compliance and its cause;
 - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
 - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
 - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Reuse Permit Regulations.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1

Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	New Description	Acres	Status	Obsolete Description
MU-018201	Field 1	2.5	Active	Field 13
MU-018202	Field 2	2.5	Active	Field 9
MU-018203	Field 3	2.5	Active	Field 5
MU-018204	Field 4	2.5	Active	Field 1
MU-018205	Field 5	2.5	Active	Field 14
MU-018206	Field 6	2.5	Active	Field 10
MU-018207	Field 7	2.5	Pending Expansion	Field 6
MU-018208	Field 8	2.5	Pending Expansion	Field 2
MU-018209	Field 9	2.5	Inactive	---
MU-018210	Field 10	2.5	Inactive	---
MU-018211	Field 11	2.5	Inactive	---
MU-018212	Field 12	2.5	Inactive	---
MU-018213	Field 13	2.5	Inactive	---
MU-018214	Field 14	2.5	Inactive	---

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-018201	Wastewater after disinfection, before storage
WW-018202	Wastewater after storage, prior to land application

SOIL MONITORING UNITS

Serial Number	Description	Associated HMU	Obsolete Description
SU-018201	Field 3	MU-018203	Field 5
SU-018202	Field 5	MU-018205	Field 14

Appendix 1
Environmental Monitoring Serial Numbers
GROUND WATER MONITORING

Serial Number	Description
GW-018201	North Monitoring Well
GW-018202	Middle Monitoring Well
GW-018203	South Monitoring Well

Appendix 2

Site Maps

Site Maps

- a) Figure 1. KPSD Site Vicinity Map
- b) Figure 2. Site Management Units

Appendix 2 Site Maps



Figure 1 KPSD Site Vicinity Map